CLAIMS

	1.	A method for ringing and inter-symbol interference reduction in an optical
	communications system comprising:	
5	providing an asymmetric pulse having a rise time greater than a fall time.	
	2.	The method of claim 1 wherein said rise time is substantially longer than said
	fall time.	
10	3.	The method of claim 2 wherein said rise time is at least 50% longer than said
	fall time.	
	4.	The method of claim 2 wherein said rise time is at least twice the length of
	said fall time.	
15	5.	The method of claim 1 wherein said rise time is at least 30% of the pulse
	width.	
	6.	The method of claim 1 further comprising:
20	incre	asing a pulse width of said pulse by delaying the beginning of the falling edge of
	said pulse.	
	7.	The method of claim 1 wherein said pulse is sent to a direct modulated laser
	diode.	
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	8.	The method of claim 1 wherein said pulse is part of a high speed optical

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transmission.

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- 9. An optical transmission system comprising: a signal obtainer configured to obtain an input signal; and a rise time increasing unit configured to increase a rise time for a pulse in said input signal wherein said rise time is greater than a fall time of said pulse.
- 10. The optical transmission system of claim 9 further comprising: a pulse width increasing unit configured to increase a width of said pulse by delaying the beginning of the falling edge of said pulse.
- 11. The optical transmission system of claim 9 wherein said pulse is sent to a direct modulated laser diode.
- 12. The optical transmission system of claim 9 wherein said pulse is part of a high speed optical transmission.
- 13. The optical transmission system of claim 9 wherein said rise time for said pulse is substantially longer than a fall time of said pulse.
- 20 14. The optical transmission system of claim 13 wherein said rise time is at least fifty percent longer than said fall time.
 - 15. The optical transmission system of claim 13 wherein said rise time is at least twice the length of said fall time.
 - 16. The optical transmission system of claim 13 wherein said rise time is at least thirty percent of a bit period.

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17. A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to reduce ringing and inter-symbol interference, said computer program product comprising:

computer readable code configured to cause a computer to obtain an input signal; and computer readable code configured to cause a computer to increase a rise time for a pulse in said input signal wherein said rise time is greater than a fall time of said pulse.

18. The computer program product of claim 17 further comprising: computer readable code configured to cause a computer to increase a width of said pulse by delaying the beginning of the falling edge of said pulse.

19. The computer program product of claim 17 wherein said pulse is sent to a direct modulated laser diode.

- 20. The computer program product of claim 17 wherein said pulse is part of a high speed optical transmission.
- 20 21. The computer program product of claim 17 wherein said rise time for said pulse is substantally longer than said fall time of said pulse.
 - 22. The computer program product of claim 21 wherein said rise time is at least fifty percent longer than said fall time.
 - 23. The computer program product of claim 21 wherein said rise time is at least twice the length of said fall time.

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